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Supreme Patent Services
PO Box 2339
Saratoga, CA 95070
e-mail: services@supremepatent.com

Jason Z. Lin, Ph.D.
Reg. Patent Agent
TEL. (408) 867-9757
FAX (408) 867-7437

15364 U.S. PTO
10/817352
040104

April 1, 2004
Docket No. 04142-URS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: **U.S. Utility Patent Application**
Inventor: **Chi-Min Liu, Win-Chieh Lee and Chung-Han Yang**
Title: **Efficient Method And Apparatus For Convolution Of Input Signals**

Sir:

The above-identified utility patent application is transmitted herewith for filing:

Enclosed are:

1. **Forty-three (43)** sheets of specification, claims, and abstract.
2. **Eighteen (18)** sheets of drawings containing FIGs. 1 through 17.
3. An executed Declaration and Power of Attorney for Utility Patent Application.
4. An Information Disclosure Statement including Form PTO-1449.
5. A Recordation Form Cover Sheet and an Assignment which the Commissioner is requested to record and return to the undersigned.
6. A Credit Card Payment Form PTO-2038 for **\$1049.00** to cover the following fees (**fifteen** independent claims and **seventeen** dependent claims):
 - a. Basic Utility Patent Filing Fee (**Small Entity Status**): **\$385.00**;
 - b. Independent claims in excess of three: $\$43 \times (15-3) = \516.00 ;
 - c. Claims in excess of twenty: $\$9 \times (32 - 20) = \108.00 ;
 - d. Assignment Recordation Fee: **\$40.00**.
7. A postcard to be stamped and returned.

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Date: April 1, 2004

By: [Signature]

Mail Label: ER 769051227 US

Jason Z. Lin

Please kindly acknowledge receipt of the above items by having your mailroom stamp, return the enclosed postcard, and send future correspondence to Customer No. 33,804.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Jason Z. Lin', written over a horizontal line.

Jason Z. Lin
Agent for Applicant
Reg. No. 37,492